

IN THE ABSTRACT

Replacement Abstract:

Method for the multiple-antenna transmission of a signal by space-time block codes, corresponding reception method and signal

The An embodiment of the invention relates to a method for sending a signal formed by successive vectors each comprising N symbols to be sent, and implementing at least two transmitter antennas. According to the invention, a A distinct sub-matrix is associated with each of said antennas, said sub-matrices being obtained by subdivision of a unitary square matrix, and each of said antennas sends sub-vectors, obtained by subdivision of said vectors, respectively multiplied by said sub-matrices so as to form, as seen from a receiver, a single combined signal representing the multiplication of said vectors by said unitary matrix.

Figure 1.